

42. (New) The method of claim 41, wherein said polypeptide is fused to polyethylene glycol.
43. (New) The method of claim 41, wherein said polypeptide is fused to a heterologous polypeptide.
44. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:23.
45. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO: 24.
46. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:25.
47. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:26.
48. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:27.
49. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:28.
50. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:29.
51. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:30.

52. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:31.
53. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:32.
54. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:33.
55. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.
56. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:35.
57. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:36.
58. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:37.
59. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:38.
60. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:39.
61. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:40.

62. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:41.
63. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:42.
64. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:43.
65. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:44.
66. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:45.
67. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:46.
68. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:47.
69. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:48.
70. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:49.
71. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:50.

72. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:51.
73. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:52.
74. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:53.
75. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:54.
76. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:55.
77. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:56.
78. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:57.
79. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:58.
80. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:59.
81. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:60.

82. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:61.
83. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:62.
84. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:63.
85. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:64.
86. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:65.
87. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:66.
88. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:67.
89. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:68.
90. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:69.
91. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:70.

92. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:71.

93. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:72.

94. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:73.

95. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:74.

96. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:75.

97. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:76.

98. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:77.

99. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:78.

100. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:79.

101. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:80.

102. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:81.

103. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:82.

104. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:83.

105. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:84.

106. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:85.

107. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:86.

108. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:87.

109. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:88.

110. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:89.

111. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:90.

112. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:91.

113. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:92.

114. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:93.

115. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:94.

116. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:95.

117. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:96.

118. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:97.

119. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:98.

120. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:99.

121. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:100.

122. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:101.

123. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:102.

124. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:103.

125. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:104.

126. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:105.

127. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:106.

128. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:107.

129. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:108.

130. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:109.

131. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:110.

132. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:111.

133. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:112.

134. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:113.

135. (New) The method of claim 41, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:114.

136. (New) A method of inhibiting the activation or mobilization of basophils in an individual in need thereof comprising administering to said individual a therapeutically effective amount of a polypeptide consisting of an amino acid sequence shown in any one of SEQ ID NOS:23-114.

137. (New) The method of claim 136, wherein said polypeptide is fused to polyethylene glycol.

138. (New) The method of claim 136, wherein said polypeptide is fused to a heterologous polypeptide.

139. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:23.

140. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO: 24.

141. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:25.

142. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:26.

143. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:27.

144. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:28.

145. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:29.

146. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:30.

147. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:31.

148. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:32.

149. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:33.

150. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:34.

151. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:35.

152. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:36.

153. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:37.

154. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:38.

155. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:39.

156. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:40.

157. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:41.

158. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:42.

159. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:43.

160. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:44.

161. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:45.

162. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:46.

163. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:47.

164. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:48.

165. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:49.

166. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:50.

167. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:51.

168. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:52.

169. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:53.

170. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:54.

171. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:55.

172. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:56.

173. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:57.

174. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:58.

175. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:59.

176. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:60.

177. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:61.

178. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:62.

179. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:63.

180. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:64.

181. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:65.

182. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:66.

183. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:67.

184. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:68.

185. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:69.

186. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:70.

187. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:71.

188. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:72.

189. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:73.

190. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:74.

191. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:75.
192. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:76.
193. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:77.
194. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:78.
195. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:79.
196. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:80.
197. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:81.
198. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:82.
199. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:83.
200. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:84.

201. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:85.

202. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:86.

203. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:87.

204. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:88.

205. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:89.

206. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:90.

207. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:91.

208. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:92.

209. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:93.

210. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:94.

211. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:95.
212. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:96.
213. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:97.
214. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:98.
215. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:99.
216. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:100.
217. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:101.
218. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:102.
219. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:103.
220. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:104.

221. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:105.
222. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:106.
223. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:107.
224. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:108.
225. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:109.
226. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:110.
227. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:111.
228. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:112.
229. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:113.
230. (New) The method of claim 136, wherein said polypeptide consists of the amino acid sequence of SEQ ID NO:114.